



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

JW

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/826,693	04/04/2001	Mario Nemirovsky	P3819	4332
23669	7590	05/27/2005	EXAMINER	
HUFFMAN LAW GROUP, P.C. 1832 N. CASCADE AVE. COLORADO SPRINGS, CO 80907-7449			BRAGDON, REGINALD GLENWOOD	
			ART UNIT	PAPER NUMBER
			2188	

DATE MAILED: 05/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

09/826693 4/4/2001 MARIO NEMIROVSKY

P3819

EXAMINER

BRAIDON

ART UNIT PAPER

2188 050524

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

A Requirement for Information is attached herewith.

Art Unit: 2188

1. Applicant, the assignee of this application, and all those individuals identified in 37 CFR 1.56(c) are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.

2. Examiner's note: it does not appear that the presently claimed invention is disclosed in U.S. Patent Application 09/737,375 or provisional application 60/181,364. Therefore the effective filing date of the claims in the present application is 04 April 2001. Applicant should keep this date in mind when considering which art qualifies as "prior art".

3. In response to this requirement, please provide any prior art which discusses the following aspects of the CNP810SP core (or any variants thereof) by Clearwater Networks (formally XStream Logic Inc.) or the XCaliber core (or any variants thereof):

- structure and operation of the instruction queues, including the interaction of the instruction queues with other elements of the processor (e.g. register files, dispatch unit, function units, etc...);
- structure and operation of the data cache;
- structure and operation of the instruction queues and data cache in relation to each other.

Such art may be found in relevant sections of developer's manuals, user's manuals, and technical data sheets. However, the Examiner's request is not limited to these types of documents and Applicant should provide all relevant prior art.

4. In response to this requirement, please provide the names of any products or services (other than the CNP810SP core and XCaliber core reference above) that have incorporated the claimed subject matter.

5. In response to this requirement, please provide copies of each publication which any of the applicants authored or co-authored and which describe the disclosed subject matter of the instruction queues or data cache.

6. In responding to those requirements that require copies of documents, where the document is a bound text or a single article over 50 pages, the requirement may be met by providing copies of those pages that provide the particular subject matter indicated in the requirement, or where such subject matter is not indicated, the subject matter found in applicant's disclosure.

7. The fee and certification requirements of 37 CFR 1.97 are waived for those documents submitted in reply to this requirement. This waiver extends only to those documents within the scope of this requirement under 37 CFR 1.105 that are included in the applicant's first complete communication responding to this requirement. Any supplemental replies subsequent to the first communication responding to this requirement and any information disclosures beyond the scope of this requirement under 37 CFR 1.105 are subject to the fee and certification requirements of 37 CFR 1.97.

8. The applicant is reminded that the reply to this requirement must be made with candor and good faith under 37 CFR 1.56. Where the applicant does not have or cannot readily obtain an item of required information, a statement that the item is unknown or cannot be readily obtained may be accepted as a complete reply to the requirement for that item.

9. This requirement is subject to the provisions of 37 CFR 1.134, 1.135 and 1.136 and has a shortened statutory period of 2 months. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Art Unit: 2188

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Reginald G. Bragdon whose telephone number is (571) 272-4204. The examiner can normally be reached on Monday-Thursday from 7:00 AM to 4:30 PM and every other Friday from 7:00 AM to 3:30 PM.

The examiner's supervisor, Mano Padmanabhan, can be reached at (571) 272-4210.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

RGB  
May 24, 2005

*Reginald G. Bragdon*  
Reginald G. Bragdon  
Primary Patent Examiner  
Art Unit 2188

*Mano Padmanabhan*  
5/24/05

MANO PADMANABHAN  
SUPERVISORY PATENT EXAMINER